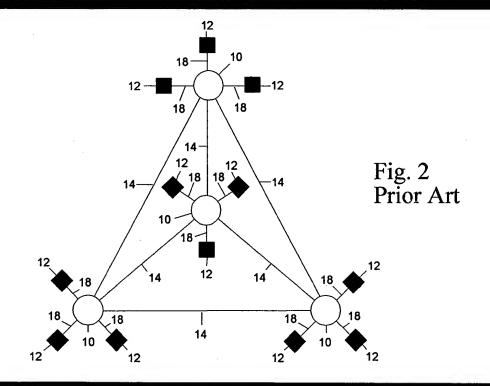
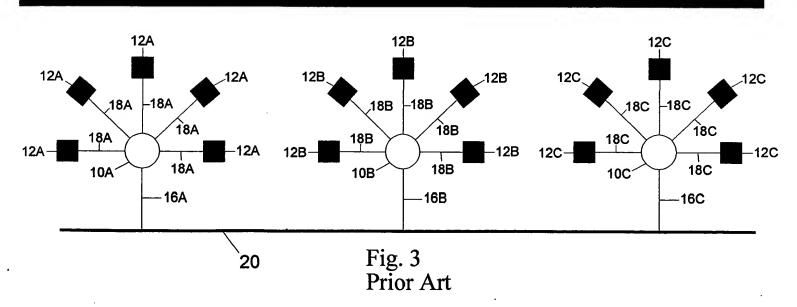
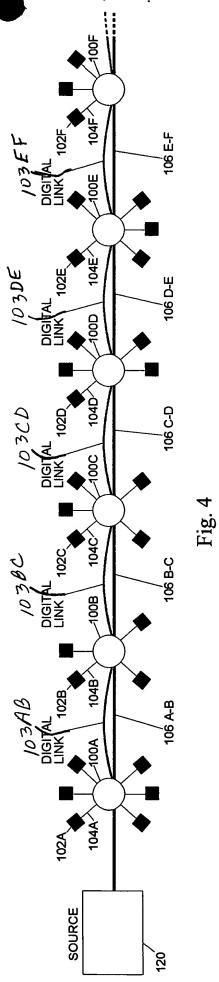


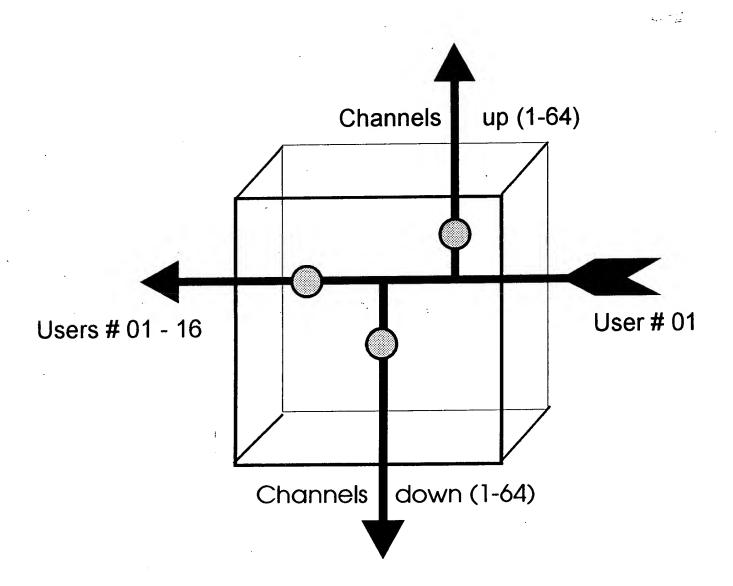
Fig. 1 Prior Art







## Principle of Channel Segmentation (Transmit mode - Tx)

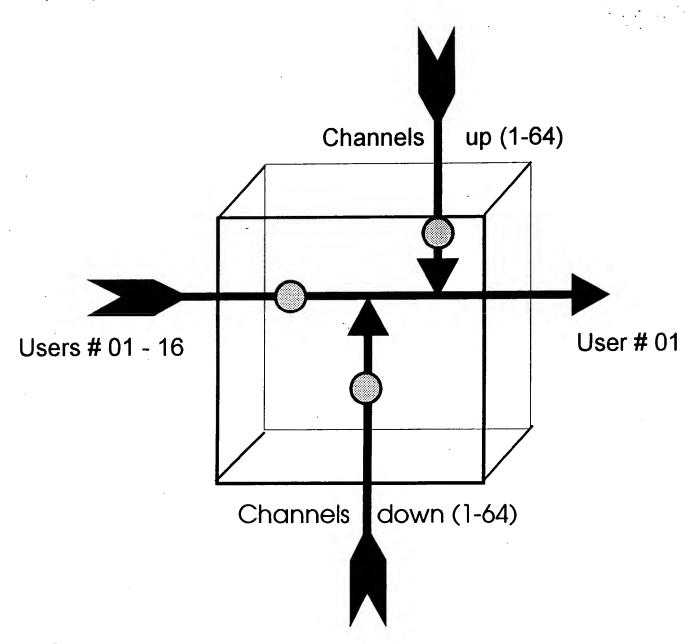


Digitally controlled analog switch (on/off)

Signal path may be interrupted to limit distribution over network at 3 points per crosspoint switch (up, down, across)

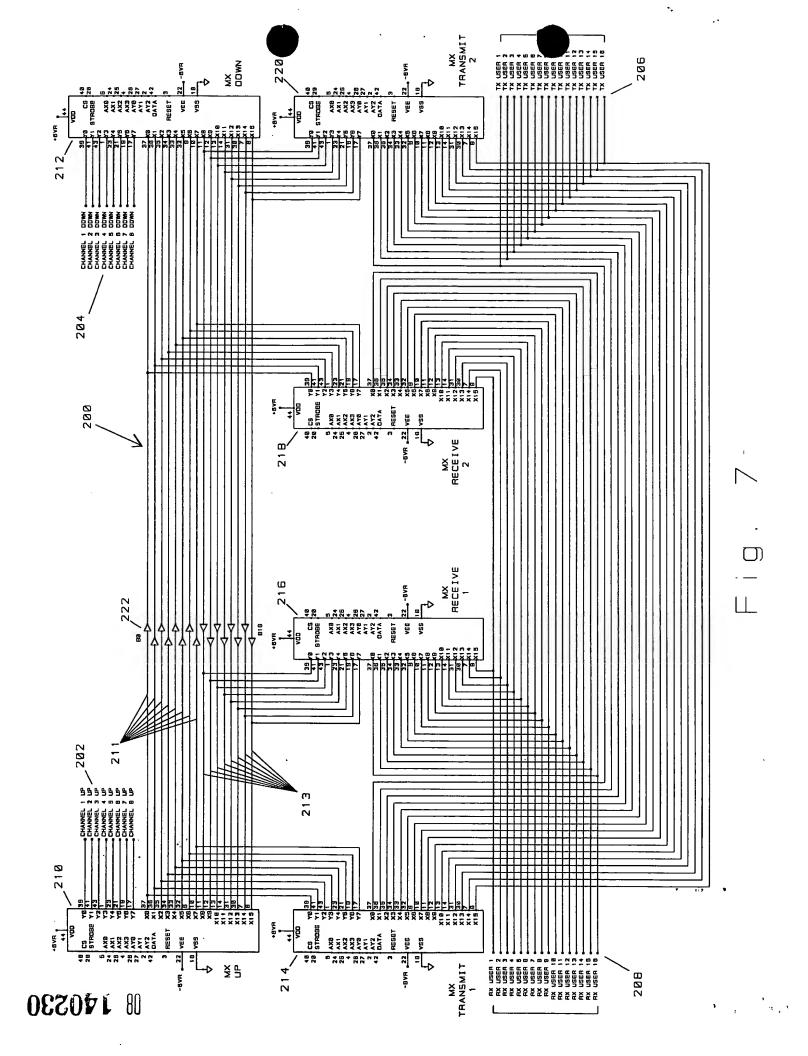
Fig. 5

## Principle of Channel Segmentation 140230 (Receive mode - Rx)



Digitally controlled analog switch (on/off)

Signal path may be interrupted to limit distribution over network at 3 points per crosspoint switch (up, down, across)



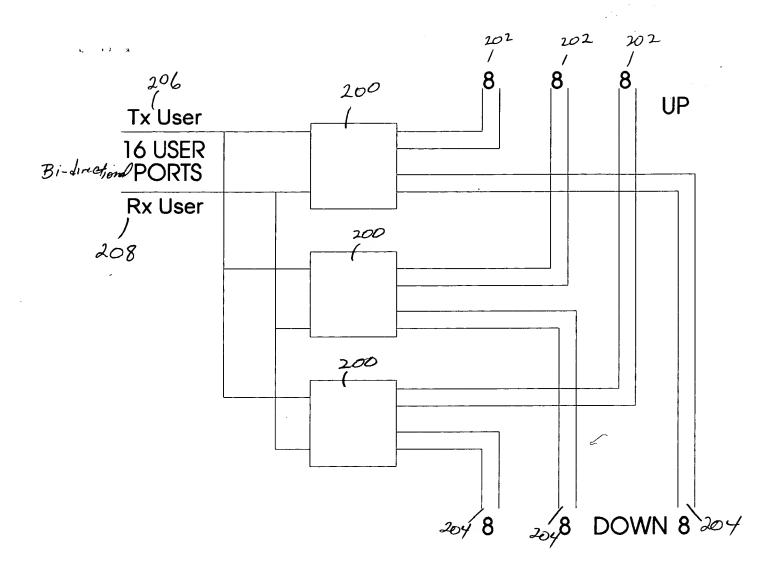
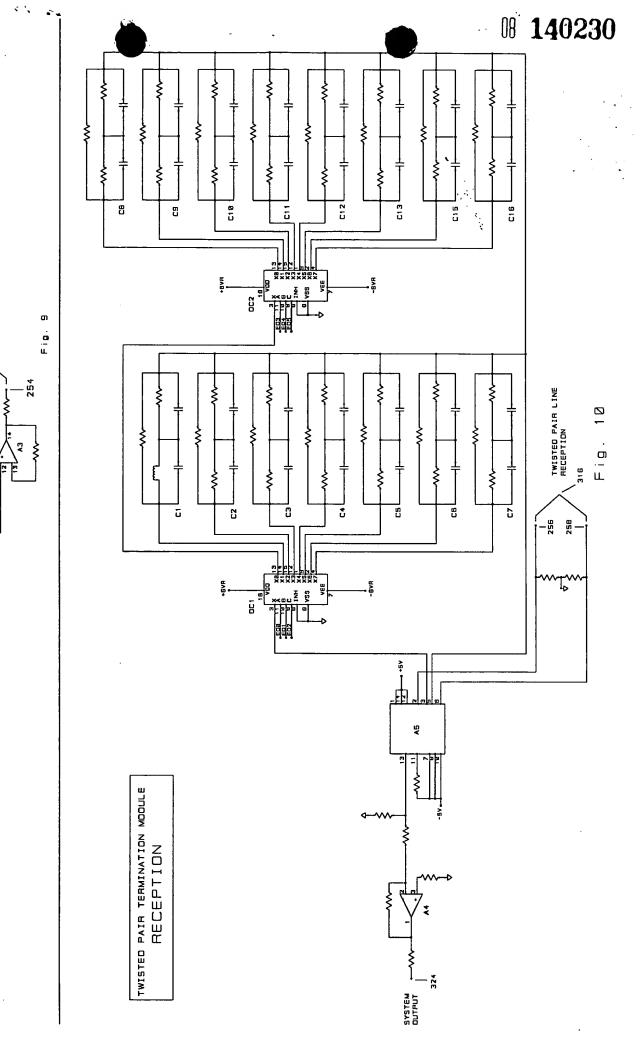


Fig. 8



TWISTED PAIR TERMINATION MODULE TRANSMISSION

TWISTED PAIR LINE TRANSMISSION

300

SYSTEM INPUT

252

## Twisted Pair Termination Module 140230

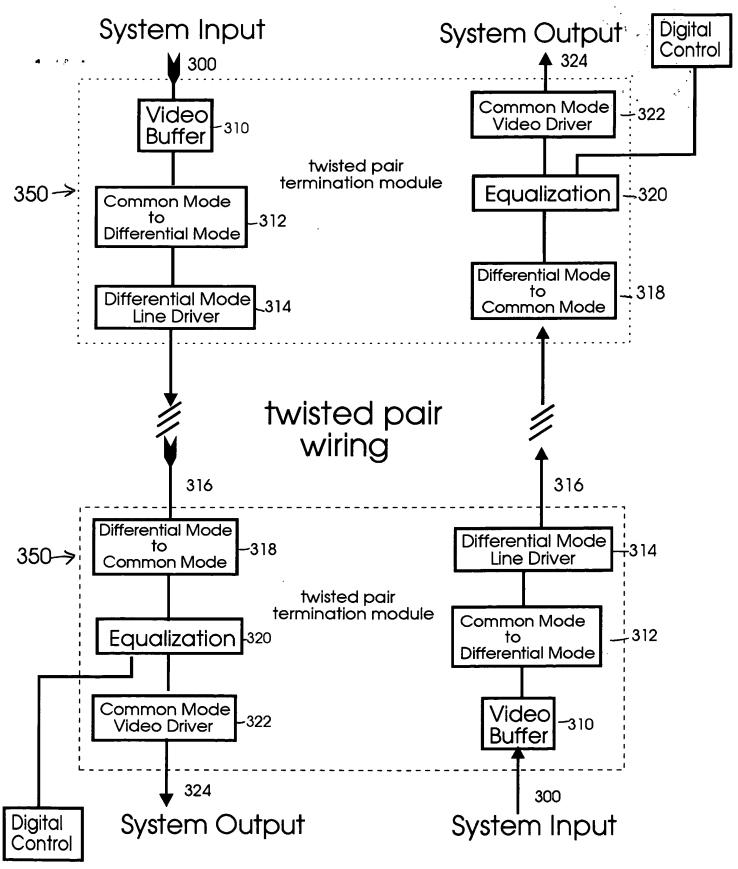


Figure 11

